

STAR FY2014 Summer Shutdown Plan

Revision 3, July 15, 2014

July						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4 End of Beam Operations	5
6	7 First Day of FY14 Shutdown Remove BBCs Remove W. VPD & electronics box	8 Turn off Magnet water & Blow out coils	9 Bleedup & remove West Beam pipe & support arm to Gate valve	10 Install PXL platform	11	12
13	14 Remove N&S PXL assemblies, remove PXL platform	15 Install West Alcove Extension	16	17 Remove East Poletip	18 Install East scaffolding	19
20	21	22 Remove HCAL	23	24 Remove West Poletip	25 Install West scaffolding	26
27	28	29	30 Begin re-installation of FMS	31		

Holidays: 4: Independence Day

August						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
	Miscellaneous maintenance efforts expected to occur throughout August				FMS installation	
					Remove BSMD FEEs	
3	4	5	6	7	8	9
RHIC Summer Sunday Open House			FMS installation			
			Remove BSMD FEEs to be repaired			
10	11	12	13	14	15	16
			FMS installation			
17	18	19	20	21	22	23
			FMS installation			
			IST de-cabled at the East TPC face patch panels			
24	25	26	27	28	29	30
			FMS installation			
	Removal of IST patch panels. Overhaul of IST Cooling system.					
			Troubleshoot Power dist. Box at NET			
31						

September						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
		Miscellaneous maintenance efforts expected to occur throughout August	FMS installation			
7	8	9	10	11	12	13
			FMS installation		 BSMD FEEs	
14	15	16	17	18	19	20
	 <i>East D0/DX chamber removed</i>					
	 Re-install repaired BSMD FEEs					
	 FMS installation					
21	22	23	24	25	26	27
	 <i>East D0/DX chamber anchors installed</i>					
	 Re-installation of IST Patch Panels, and re-cablng of IST					
	 FMS installation					
28	29	30				
	 <i>East D0/DX chamber, RP, ZDC installed</i>					
	 <i>West D0/DX chamber removed</i>					
	 Re-installation of IST Patch Panels, and re-cablng of IST					

Holidays: 1: Labor Day

N.B. Tasks in Italics done by C-AD

October						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
	← East D0/DX chamber, RP, ZDC installed →					
	← West D0/DX chamber removed →					
	← Re-installation of IST Patch Panels, and re-cabling of IST →					
5	6	7	8	9	10	11
	← East D0/DX chamber, RP, ZDC installed →					
	← West D0/DX chamber anchors installed →					
12	13	14	15	16	17	18
	← East D0/DX chamber, RP, ZDC survey & Test →					
	← West D0/DX chamber, RP, ZDC installed →					
19	20	21	22	23	24	25
	← East D0/DX chamber, RP pull vacuum and leak check →					
	← West D0/DX chamber, RP, ZDC installed →					
26	27	28	29	30	31	
	← East D0/DX chamber, RP, Bakeout →					
	← West D0/DX chamber, RP, ZDC survey & Test →					

Holidays: 13: Columbus Day (Most regions)

N.B. Tasks in Italics done by C-AD

November

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
	 <i>East D0/DX chamber, RP, Bakeout</i>					
	 <i>West D0/DX chamber, RP pull vacuum and leak check</i>					
	 Reinstall, pump down, & survey West beam pipe. Prep. For bake out					
9	10	11	12	13	14	15
	 <i>Reinstall East Shielding</i>					
	 <i>West D0/DX chamber, RP, Bakeout</i>					
	 Bake out pipe and remove bake out blankets and equipment					
16	17	18	19	20	21	22
	 <i>Reinstall East Shielding</i>					
	 <i>West D0/DX chamber, RP, Bakeout</i>					
	 FMSps Installation and cabling (includes rack)					
	 Remove and replace TPC FEEs and RDOs as necessary					
23	24	25	26	27	28	29
	 <i>Reinstall East Shielding</i>					
	 FMSps Installation and cabling					
30						

N.B. Italics tasks done by C-AD

Holidays: 11: Veterans Day, 27: Thanksgiving Day

December

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
	<i>Reinstall West Shielding</i>					
	SGIS recertification and Fire alarm recertification			Dress W. TPC face & Remove W. scaffolding	Insert, & attach W. Poletip	
	Install East pp2pp Det. assemblies					
7	8	9	10	11	12	13
	<i>Reinstall West Shielding</i>					
	<i>EEMC maintenance</i>					
	hookup W. Poletip	Dress E. TPC face & Remove E. scaffolding		Insert, attach, & hookup E. Poletip		Install PXL platform
14	15	16	17	18	19	20
	<i>Reinstall West Shielding</i>					
	<i>EEMC maintenance</i>					
	Install & hook up N & S PXL assemblies					
21	22	23	24	25	26	27
	Install West pp2pp Det. assemblies					
28	29	30	31			
	Remove PXL platform					
	Fill and start Magnet H ² O system					

N.B. Italics tasks done by C-AD

Holidays: 25: Christmas Day

January						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
					Start Magnet checkout	
4	5	6	7	8	9	10
	Magnet checkout & Heat run, TPC HV check			Install & light check BBCs		
11	12	13	14	15	16	17
	STAR ready for Cosmic Ray testing					
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Holidays: 1: New Year's Day, 19: Martin Luther King Day